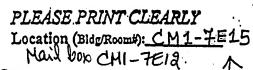
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Scientific and Technical Information Center

## SEARCH REQUEST FORM

	4 - 4
Date: 10 Feb. 03 Requester's Full Name:	Examiner #: S. DEVI
Art Unit: 1645 Phone (308) 9347	Serial Number: 09/699, 224
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ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:	
Tatle of Invention:	
Inventors (please provide full names): PETER A. RICE	SUNITA GULATI
JUTAMAS N	GAMPASUTADOL
Earliest Priority Date: 10-29-99	
Search Topic:  Please provide a detailed statement of the search topic, and describe as specieted species or structures, keywords, synonyms, acronyms, and registry to fine any terms that may have a special meaning. Give examples or relev	numbers, and combine with the concept or utility of the invention.
or Sequence Scarches Only* Please include all pertinent information (per appropriate serial number.	arent, grandchild, divisional, or issued patent numbers) along with
Please ask MS. BEVERLY SHEARS to	p perform this search.
Please see attached claims with key wor and synonyms provided.	ds highlighted and/or Examples
•	Embass Mallins Dissis CA
Please include the following databases: Embase, Medline, Biosis, CA	
(Dialog 50), JAPIO, JICTEplus, Dialog 348, 357, 113, 129, 130, 156 and 60.	35, 65, 77, 144, 256, 266, 440,
Please perform an inventor's name search	ch.
	Point of Contact:
	Beverly Shears Technical Info. Specialist
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Thank you. <sup>©</sup>	
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Please return the attached claims and this search request zone along with the search reports.

Pertidoinimetic Minetic Minetope

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SEQ.

- 1. A peptide mimic of a conserved gonodoccal epitope not found on human blood group antigens, wherein said peptide mimic is capable of inducing in a mammal an immune response against said conserved gonococcal epitope.
- 2. The peptide mimic according to claim 1, wherein the amino acid sequence of the peptide mimic comprises the sequence DE GLF.
- 3. The peptide mimic according to claim 1, wherein the immune response is T-cell dependent.
- 4. The peptide mimic according to claim 1 or 2, wherein the amino acid sequence of the peptide mimic comprises cysteine residues at each terminus.
- 5. The peptide mimic according to claim 4, wherein a cyclic peptide is formed through disulfide bridges between the cysteine residues at each terminus of said sequence.
- 6. The peptide mimic according to claim 5, wherein the peptide mimic further comprises at least one tail for coupling to a second agent.
- 10. The peptide mimic according to claim 1 or 2, wherein said peptide mimic competes with gonococcal LOS for binding to monoclonal antibody 2C7.

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  \]
- binds to an antibody that binds to an oligosaccharide epitope of N. gonorrhoeae, which oligosaccharide epitope is not present in human blood group antigens.
- 13. The peptide mimic according to claim 11, wherein the peptide mimic binds to a monoclonal antibody produced by immunizing a mammal with an anti-idiotypic monoclonal antibody, or fragment thereof, produced by a hybridoma cell line having the characteristics of HB 11311 as deposited with the ATCC.